CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2008 Certified Company

JAS-ANZ
ISO 9001:2000 CERTIFIED

Name of Work: Improvements to roads and drains at Bhuvaneshwari Nagar Ward No 14 Bagalagunte, BBMP, Bangalore.

Name of Client	:	**Executive Engineer,** Dasarahalli Division, BBMP, Bangalore.
Contractor/Agency	:	**Sri. R. Mangalraj,** Contractor, Bangalore.
Toatal Cost	:	42.11 Lakhs
Date of Inspection	:	21.10.2017
Status of Bill	:	1st and Final Bill
In the Presence of	:	(a) **Assitant Engineer (Ward No.14),** BBMP, Bangalore.
	:	(b) **Mr. Mohan G.** Senior Engineer M/s Civil Quality Consultants And Engineers, Bangalore.

3rd Party Compliance Report

Sl.No	Description of the Item		Comments / observations
1	Earthwork excavation by manual means in hard soil involving an avearge horizontal throw upto 2 meters and an average lift upto 0.5m, excavted surface levelled nd sides neatly dressesd…..	:	Work done up to the billed quantity and Quality is satisfactory
2	Removing B.S.Slab of drain and stacting etc., complete as per the direction of Engineer-in-charge of the work.	:	Work done up to the billed quantity and Quality is satisfactory
3	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum	:	Work done up to the billed quantity and Quality is satisfactory
4	KSRB4-1.2: Providing and laying in position plain cement concrete of mix1:3:6with OPCcement @220kgs,with20 mm and down size graded granite metal coarse aggregates @0.892 cum and fine aggregates	:	Work done up to the billed quantity and Quality is satisfactory

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Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail:civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

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5	Rflexing stone slabs of drains and pointing in CM 1:3 etc complete as per the direction of Engineer-in-charge of the work.	:	Work done up to the billed quantity and Quality is satisfactory
6	Providing Granite slabs selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5 thick complete as per the direction of Engineer-in-charge of the work.	:	Work done up to the billed quantity and Quality is satisfactory
7	Supplying and fixing precast reinforce concrete slab 10cm thick including cost of reinforcement as per design and drawing materials cost, transportation,hire charges of machinery,machine cutting the vertical face	:	Work done up to the billed quantity and Quality is satisfactory
8	Scarifying existing stone metal layer upto 75mm thick along with their bituminus surface, picking up scarified materials and stacking of old serviceable materials with lead of 100mtr	:	Work done up to the billed quantity and Quality is satisfactory
9	Grading I material construction of granular sub -base by providing coarse graded crushed stone aggragates of Grainite /trap basalt material spreding in uniform layers…	:	Work done up to the billed quantity and Quality is satisfactory
10	Providing, laying, spreding and compacting stone aggreagate to wet mix macadam specification including premixing the material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site….	:	Work done up to the billed quantity and Quality is satisfactory
11	Providing and applying primer coat with S.S Bitumen emulsion on prepared surface of granual base such as WMM including cleaning of road surface …..	:	Work done up to the billed quantity and Quality is satisfactory
12	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with olde gunny bags and / or compressed air to receive bituminous treatment including	:	Work done up to the billed quantity and Quality is satisfactory
13	Providing and applying tack coat on the prepared black topped surfcaes at 2.5kgs per 10 sqm……..	:	Work done up to the billed quantity and Quality is satisfactory

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14	Providing and laying bituminous macadam on prepared surface with crushed coarse aggragtes as per design mix formula for	:	Work done up to the billed quantity and Quality is satisfactory
15	Providing and laying bituminous concrete with hot mix plant using crushed dust aggragtes of specified grading, pre mixed with bitumious binder and filler,.....	:	Work done up to the billed quantity and Quality is satisfactory
16	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge in charge of the work, lead 4 km a) Basic rate for haulage of	:	Work done up to the billed quantity and Quality is satisfactory

Authorised Signatory

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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